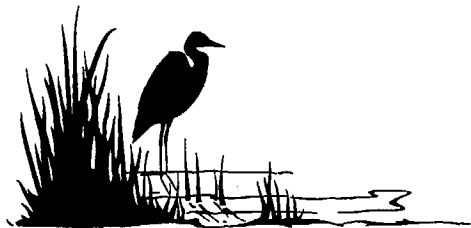


APPENDIX B

**WATER BODIES LISTED IN 1998 AS
IMPAIRED UNDER CLEAN WATER ACT
SECTION 303(d)**



Water Bodies Listed in 1998 as Impaired under Clean Water Act Section 303(d)

Water Body	Regional Board	Parameter of Concern	Probable Sources
Bay Region			
San Francisco Bay	2	Mercury	Mining, stormwater, municipal and industrial point sources, atmospheric deposition
		Copper	Stormwater, municipal and industrial point sources, atmospheric deposition
		Nickel	Stormwater, municipal and industrial point sources
		Diazinon	Stormwater
		PCBs	Non-point sources
		Selenium (Central and South Bay)	Domestic use of groundwater, agriculture
Richardson Bay	2	Mercury	Mining, stormwater, municipal point sources, atmospheric deposition
		PCBs	Non-point sources, unknown
		Coliform	Septage disposal, stormwater, vessel/boat discharges
San Pablo Bay	2	Mercury	Mining, stormwater, municipal point sources, atmospheric deposition
		Copper	Stormwater, municipal and industrial point sources, atmospheric deposition
		Diazinon	Stormwater
		PCBs	Non-point sources, unknown
		Selenium	Industrial point sources, agriculture
		Nickel	Stormwater, municipal point sources
Carquinez Strait	2	Mercury	Mining, stormwater, municipal point sources, atmospheric deposition
		Copper	Stormwater, municipal and industrial point sources, atmospheric deposition
		Diazinon	Stormwater
		PCBs	Non-point sources, unknown

Water Bodies Listed in 1998 as Impaired under Clean Water Act Section 303(d) (Continued)

Water Body	Regional Board	Parameter of Concern	Probable Sources
Suisun Bay	2	Selenium	Industrial point sources, agriculture
		Nickel	Stormwater, municipal point sources
		Mercury	Mining, stormwater, industrial point sources, atmospheric deposition
		Copper	Stormwater, municipal point sources, atmospheric deposition
		Diazinon	Stormwater
		PCBs	Non-point sources, unknown
Delta	2	Selenium	Industrial point sources, natural sources
		Nickel	Stormwater, municipal point sources
		Mercury	Mining, stormwater, municipal and industrial point sources, atmospheric deposition
		Copper	Stormwater, municipal point sources, atmospheric deposition
		Diazinon	Stormwater
		PCBs	Non-point sources, unknown
Napa River	2	Selenium	Industrial point sources, natural sources
		Nickel	Stormwater, municipal point sources
		Nutrients	Agriculture
Petaluma River	2	Pathogens	Agriculture, land development, stormwater
		Siltation	Agriculture, stormwater
		Nutrients	Agriculture, land development, stormwater
Guadalupe Creek, Guadalupe River, Guadalupe Reservoir, Alamos Creek, Calero Reservoir (all South San Francisco Bay)	2	Pathogens	Agriculture, land development, stormwater
		Siltation	Agriculture, land development, stormwater
		Mercury	Mining

Water Bodies Listed in 1998 as Impaired under Clean Water Act Section 303(d) (Continued)

Water Body	Regional Board	Parameter of Concern	Probable Sources
Central Valley Region			
Delta waterways	5	Mercury	Abandoned mines(s)
		Diazinon, chlorpyrifos	Agriculture, urban stormwater
		Unknown toxicity	Unknown source
		Salt	Agriculture
		DO	Municipal point sources, urban stormwater
		Group A pesticides, DDT	Agriculture
Grassland marshes	5	Selenium	Agriculture
		Salt	Agriculture
Arcade Creek	5	Diazinon	Urban stormwater, agriculture
		Chlorpyrifos	Urban stormwater
American River, Lower	5	Mercury	Abandoned mine(s)
		Group A pesticides	Urban stormwater
		Unknown toxicity	Unknown source
Cache Creek	5	Mercury	Abandoned mine(s)
		Unknown toxicity	Unknown source
Chicken Ranch Slough	5	Diazinon	Urban stormwater, agriculture
		Chlorpyrifos	Urban stormwater
Colusa Drain	5	Unknown toxicity, Group A pesticides	Agriculture
		Carbofuran, malathion	Agriculture
		Methyl parathion	Agriculture
Dolly Creek	5	Copper, zinc	Abandoned mine(s)
Dunn Creek	5	Mercury, metals	Abandoned mine(s)
Elder Creek	5	Diazinon	Urban stormwater, agriculture

Water Bodies Listed in 1998 as Impaired under Clean Water Act Section 303(d) (Continued)

Water Body	Regional Board	Parameter of Concern	Probable Sources
		Chlorpyrifos	Urban stormwater
Elk Grove Creek	5	Diazinon	Urban stormwater, agriculture
Fall River (Pit)	5	SED	Silviculture, grazing, construction
Five Mile Slough	5	Diazinon	Urban stormwater, agriculture
Feather River, Lower		Chlorpyrifos	Urban stormwater
	5	Diazinon	Agriculture, urban stormwater
		Mercury	Abandoned mine(s)
		Group A pesticides	Agriculture
		Unknown toxicity	Unknown source
French Ravine	5	Bacteria	Land disposal
Harding Drain	5	Unknown toxicity	Agriculture
(TID Lateral #5)	5	Diazinon, chlorpyrifos	Agriculture
		Ammonia	Municipal point sources, agriculture
Harley Gulch	5	Mercury	Abandoned mine(s)
Horse Creek	5	Copper, cadmium, zinc, lead	Abandoned mine(s)
Humbug Creek	5	Copper, zinc, mercury, sediment	Abandoned mine(s)
James Creek	5	Ni, mercury	Abandoned mine(s)
Kanaka Creek	5	As	Abandoned mine(s)
Kings River, lower	5	Mo, toxaphene, salt	Agriculture
Little Backbone Creek	5	Copper, zinc, cadmium, acid	Abandoned mine(s)
Little Cow Creek	5	Copper, zinc, cadmium	Abandoned mine(s)
Little Grizzly Creek	5	Copper, zinc	Mine tailings
Lone Tree Creek	5	Salt, ammonia, BOD	Dairies
Marsh Creek	5	Mercury, metals	Abandoned mine(s)

Water Bodies Listed in 1998 as Impaired under Clean Water Act Section 303(d) (Continued)

Water Body	Regional Board	Parameter of Concern	Probable Sources
Merced River, Lower	5	Diazinon, chlorpyrifos	Agriculture
		Group A pesticides	Agriculture
Mokelumne River, lower	5	Copper, zinc	Abandoned mine(s)
Morrison Creek	5	Diazinon	Urban stormwater, agriculture
Mosher Slough	5	Diazinon	Urban stormwater, agriculture
Mud Slough		Chlorpyrifos	Urban stormwat
	5	Selenium	Agriculture
		PES, unknown toxicity, boron, salt	Agriculture
Natomas East Main Drain	5	Diazinon	Urban stormwater, agriculture
		PCBs	Industrial, urban stormwater
Orestimba Creek	5	Diazinon, chlorpyrifos	Agriculture
		Unknown toxicity	Agriculture
Panoche Creek	5	Sediment, selenium	Agriculture, grazing, construction
		Mercury	Abandoned mine(s)
Pit River	5	DO, temperature, nutrients	Grazing, agriculture
Sacramento River (Shasta to Red Bluff)	5	Copper	Abandoned mine(s)
		Cadmium	Abandoned mine(s)
		Zinc	Abandoned mine(s)
		Unknown toxicity	Unknown source
Sacramento River (Red Bluff to Delta)	5	Diazinon	Agriculture
		Mercury	Abandoned mine(s)
		Unknown toxicity	Unknown source

Water Bodies Listed in 1998 as Impaired under Clean Water Act Section 303(d) (Continued)

Water Body	Regional Board	Parameter of Concern	Probable Sources
Sacramento Slough	5	Diazinon	Agriculture, urban stormwater
		Mercury	Unknown source
Salt Slough	5	Selenium	Agriculture
		Unknown toxicity, boron, salt	Agriculture
		Diazinon, chlorpyrifos	Agriculture
San Carlos Creek	5	Mercury	Abandoned mine(s)
San Joaquin River	5	Selenium	Agriculture
		Diazinon, chlorpyrifos	Agriculture
		Boron, salt	Agriculture
		Unknown toxicity	Unknown source
		Group A pesticides, DDT	Agriculture
Spring Creek	5	Copper, zinc, cadmium, acid	Abandoned mine(s)
Stanislaus River, Lower	5	Diazinon	Agriculture
		Unknown toxicity	Unknown source
		Group A pesticides	Agriculture
Strong Ranch Slough	5	Diazinon	Urban stormwater, agriculture
		Chlorpyrifos	Urban stormwater
Sulfur Creek	5	Mercury	Abandoned mine(s)
Temple Creek	5	Ammonia, salt	Dairies
Town Creek	5	Cadmium, copper, lead, zinc	Abandoned mine(s)
Tuolumne River, Lower	5	Diazinon	Agriculture
		Unknown toxicity	Unknown source
		Group A pesticides	Agriculture

Water Bodies Listed in 1998 as Impaired under Clean Water Act Section 303(d) (Continued)

Water Body	Regional Board	Parameter of Concern	Probable Sources
West Squaw Creek	5	Copper, zinc, cadmium, lead	Abandoned mine(s)
Willow Creek (Whiskeytown)	5	Copper, zinc, acid	Abandoned mine(s)
Berryessa Lake	5	Mercury	Abandoned mine(s)
Clear Lake	5	Mercury	Abandoned mine(s)
		Nutrients	Unknown source
Davis Creek Reservoir	5	Mercury	Abandoned mine(s)
Keswick Reservoir	5	Copper, zinc, cadmium	Abandoned mine(s)
Marsh Creek Reservoir	5	Mercury	Abandoned mine(s)
Shasta Lake	5	Copper, zinc, cadmium	Abandoned mine(s)
Whiskeytown Reservoir	5	Coliform	On-site disposal
